Electronic Acknowledgement Receipt				
EFS ID:	2333553			
Application Number:	10533330			
International Application Number:				
Confirmation Number:	5071			
Title of Invention:	Quantum Well Intermixing in Semiconductor Photonic Devices			
First Named Inventor/Applicant Name:	Stephen Najda			
Customer Number:	64770			
Filer:	Jefferson Perkins/Patricia Romanelli			
Filer Authorized By:	Jefferson Perkins			
Attorney Docket Number:	305832-00112			
Receipt Date:	17-OCT-2007			
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Application Type:	U.S. National Stage under 35 USC 371			

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## File Listing:

Document Number	Document Description	File Name	File Size(Bytes) /Message Digest	Multi Part /.zip	Pages (if appl.)				
Information Disclosure Statement (IDS) Filed		IDS.pdf	812027	no	4				
	iD3.pdi	8faa13693ea007249851df3cd2d21cb0 a50d5c09	110						
Warnings:	Warnings:								
Information:									
2 NPL Documents	InternationalSearchRpt.pdf	172637	no	4					
		d16e4e7ad22237697370183b1ba6a43 4f88caab6							
Warnings:									
Information:									
3 NPL Documents	NPL Documents	LEEetal.pdf	227112	no	4				
	EEEdai.pai	40d7c52c6dfdfb0a106f33561692faa35 83e13ad	110						
Warnings:	Warnings:								
Information:									
4 NPL Documents	Lletal.pdf	706327	no	12					
		985335e40517d2e5ed05b664e92d99b 2b2b4c0ae							
Warnings:									
Information:									
5 Fee Worksheet (PTO-06)	fee-info.pdf	8204	no	2					
		dd3b70414606541c9f6faf6bbfbf5cbd4b 57cae5							
Warnings:									
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#### New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

### National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

#### New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.